Comparisons of Job Characteristics

Focus Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)
Associated Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders (51-9012)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)
Associated Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders(51-9012)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Production and Processing	6.0	12.8	9.0	<<	Extensive education and/or training may be required
Chemistry	4.8	10.2	9.3	0	Current knowledge level may be sufficient
Mechanical	6.8	10.1	15.3	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)
Associated Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders(51-9012)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	12.6	12.7	0	Current skill level may be sufficient
Operation and Control	5.4	10.2	11.5	>	Skill level is likely sufficient
Quality Control Analysis	5.9	9.0	9.6	0	Current skill level may be sufficient
Repairing	3.4	8.2	8.0	0	Current skill level may be sufficient
Equipment Maintenance	3.5	7.7	8.7	>	Skill level is likely sufficient
Troubleshooting	4.5	7.7	9.7	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities	Similarity of Focus Occupation to Associated Occupation: 86

Focus Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)
Associated Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders(51-9012)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Perceptual Speed	7.4	11.2	9.7	<	Some improvement in abilities may be required
Auditory Attention	5.9	10.5	7.7	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	10.1	9.0	<	Some improvement in abilities may be required
Static Strength	5.0	10.1	9.4	0	Current ability level may be sufficient
Hearing Sensitivity	5.6	9.4	5.9	<<	Extensive improvement in abilities may be required
Rate Control	3.8	8.5	7.8	0	Current ability level may be sufficient
Gross Body Equilibrium	3.2	8.2	5.5	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	6.1	5.1	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 99

Focus Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)
Associated Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders(51-9012)

Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Clean equipment or machinery	20
Install equipment or attachments on machinery or related structures	48
Load or unload material or workpiece into machinery	34
Maintain consistent production quality	50
Maintain or repair industrial or related equipment/machinery	39
Maintain production or work records	19
Measure, weigh, or count products or materials	17
Monitor production machinery/equipment operation to detect problems	27
Operate chemical processing equipment	77
Operate food processing production equipment/machinery	76

Test manufactured products or materials	64
Use hand or power tools	2
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)
Associated Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders(51-9012)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.